

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Ludwig et al.	Confirmation No.:	6289
Serial No.:	10/721,905	Art Unit:	2153
Filed:	November 26, 2003	Examiner:	Strange, Aaron
For:	<i>Method for Real-Time Communications Between Plural Users</i>	Attorney Docket No.:	063330-5011-US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

1. Enclosures accompanying this Information Disclosure Statement are:
 - 1a. ☒ A list of all patents, publications, applications, or other information submitted for consideration by the office.
 - 1b. A legible copy of :
 - ☒ Each foreign patent;
 - ☒ Each publication or that portion which caused it to be listed on the PTO-1449;
 - ☐ For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion;
 - ☐ all other information or portion which caused it to be listed on the PTO-1449.
 - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.
 - 1d. ☐ Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications.

2. ☐ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b):
- ☐ Within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
 - ☐ Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
 - ☐ Before the mailing of the first Office action on the merits;
 - ☐ Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.
3. ☒ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of any of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise closes prosecution in the application.
- (Check either Item 3a or 3b)*
- 3a. ☐ The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.
- 3b. ☒ The \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is:
- ☐ enclosed
 - ☒ to be charged to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 063330-5011-US).
- (Item 3b to be checked if any reference known for more than 3 months)*
4. ☐ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period specified in 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.
- (Check either Item 4a or 4b)*
- 4a. ☐ The Certification Statement in Item 5 below is applicable.
- 4b. ☐ The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:
- ☐ enclosed.
 - ☐ to be charged to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no.).
5. ☐ Certification Statement (applicable if Item 3a or Item 4a is checked)
- (Check either Item 5a, 5b or 5c)*
- 5a. ☐ In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 5b. ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not **received** by any individual

designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.

- 5c. ☐ Pursuant to 37 C.F.R. §1.704(d), each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not **received** by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.
6. ☒ Copies of each cited U.S. patent and each U.S. patent application publication are not enclosed pursuant to the USPTO OG Notice dated 05 August 2003 waiving the requirement under 37 C.F.R. 1.98(a)(2)(i) for U.S. patent applications filed after June 30, 2003.
7. ☐ This application is a continuation application under 37 C.F.R. §1.53(b) or (d).

(Check appropriate Items 7a, 7b and/or 7c)

- 7a. ☐ A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith.
- 7b. ☐ Copies of publications listed on Form PTO-1449 from prior application Serial No. _____, filed on _____, of which this application claims priority under 35 U.S.C. §120, are not being submitted pursuant to 37 C.F.R. §1.98(d).
- 7c. ☐ Copies of the publications listed on Form PTO-1449 were not previously cited in prior application Serial No. _____, filed on _____, and are provided herewith.
8. ☐ This is a Supplemental Information Disclosure Statement. (Check Item 8a)
- 8a. ☐ This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on _____. A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on _____.
9. ☐ In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

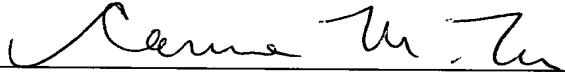
(Check Item 9a, 9b, or 9c)

- 9a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.
- 9b. ☐ set forth in the application.
- 9c. ☐ enclosed as an attachment hereto.
10. ☒ The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 63330-5011-US).

11. ☒ No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,

Date: January 9, 2008



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INFORMATION DISCLOSURE CITATION PTO-1449				<i>Complete If Known</i>	
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				Art Unit	2153
Examiner Name	Strange, Aaron				
Sheet	1	of	4	Attorney Docket Number	63330-5011-US

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
		Number - Kind Code ¹					
		3,721,777	03-20-1973	Thomas			
		3,922,488	11-25-1975	Gabr			
		4,430,526	02-07-1984	Brown et al.			
		4,500,960	02-19-1985	Babecki et al.			
		4,786,741	11-22-1988	Sachs			
		4,800,344	01-24-1989	Graham			
		4,849,811	07-18-1989	Kleinerman			
		4,885,747	12-05-1989	Foglia			
		4,890,320	12-26-1989	Monslow et al.			
		4,893,326	01-09-1990	Duran et al.			
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		5,016,976	05-21-1991	Horner et al.			
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		5,719,786	02-17-1998	Nelson et al.			
		5,751,336	05-12-1998	Aggarwal et al.			

Examiner Signature	1-PA/3684370.1	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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		5,777,663	07-07-1998	Shibata et al.			
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		6,577,324	06-10-2003	Palmer et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Sub- class	Translation	
		Country Code ² - Number ³ - Kind Code ⁴ (if known)					Yes	No
		EP 0376588	07-04-1990	AMERICAN TELEPHONE & TELEGRAPH (US)			X	
		EP 0410378	01-30-1991	HITACHI LTD (JP)			X	
		EP 0414222	02-27-1991	FUJITSU LTD (JP)			X	
		EP 0523618	01-20-1993	HITACHI LTD (JP)			X	
		EP 0561133	09-22-1993	NIPPON ELECTRIC CO (JP)			X	
		EP 0574138	12-15-1993	NCR INT INC (US)			X	
		JP 2 285 759 (Abstract in English)	11-26-1990	Nippon Telegraph & Telephone				X
		JP 62091045 (Abstract in English)	04-25-1987	NIPPON ELECTRIC CO				X
		JP 2089482 (Abstract in English)	03-29-1990	TOKYO SHIBAURA ELECTRIC CO				X
		JP 5014525 (Abstract in English)	01-22-1993	FUJITSU LTD				X
		JP 6086276 (Abstract in English)	03-25-1994	MITSUBISHI ELECTRIC CORP				X

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		WO 9103116 (Abstract in English)	03-07-1991	FRANCE ETAT (FR)				X
		WO 9120149	12-26-1991	MOTOROLA INC (US)				X
		WO 9212583	07-23-1992	PICTURETEL CORP (US)				X
		WO 9307703	04-15-1993	BELL COMMUNICATIONS RES (US)			X	
		WO 9100664 (Abstract in English)	01-10-1991	Nippon Telegraph & Telephone				X

OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		16.2 IPv4: The Internet Protocol Version 4
		Anderson, D. P. and Homsy, G., "A Continuous Media I/O Server and Its Synchronization Mechanism", October 1991, Computer 24, 10 (Oct. 1991), 51-57.
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		Chu, P.L., PictureTel Corporation, "Audio Compression and Echo Cancellation for Low Bit Rate Video Teleconferencing", Applications of Signal Process to Audio and Acoustics, Oct. 1991.
		Crowley et al., "MMConf: An Infrastructure for Building Shared Multimedia Applications," CSCW 90 Proceedings, Oct. 1990.
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		Elrod, S. et al. "Liveboard: A Large Interactive Display Supporting Group meetings, Presentations and Remote Collaboration" CHI '92 (May 3-7, 1992), 1992 ACM at 599-607.
		Ensor, J.R., et al., "Control Issues in Multimedia Conferencing," IEEE, CH2955-3/91/0000-0133, 1991.
		Fitzpatrick, et al., "Smart Icons for Address Book Detailed View Entries," IBM Technical Disclosure Bulletin, Dec. 1992.

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		FreeBSD Hypertext Man Pages: http://www.freebsd.org/cgi/man.cgi?query=rwho&sektion=1&apropos=0&manpath=freebsd , June 6, 1993.
		FreeBSD Hypertext Man Pages: http://www.freebsd.org/cgi/man.cig?query=rwhod&sektion=8&apropos=0&manpath=free... , December 11, 1993.
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		Hill, G. "Improving Audio Quality: Echo Control in VideoConferencing", Teleconference, Mar.- Apr. 1991.v.10, n.2, pp 29-43.*
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		Koszarek, et al., "A Multi-User Document Review Tool," Multiuser Interfaces and Applications, 1990, p.207-214.
		Leffler, Samuel J. et. al., An Advanced 4.4BSD Interprocess Communication Tutorial, 1993 The Regents of the University of California.

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